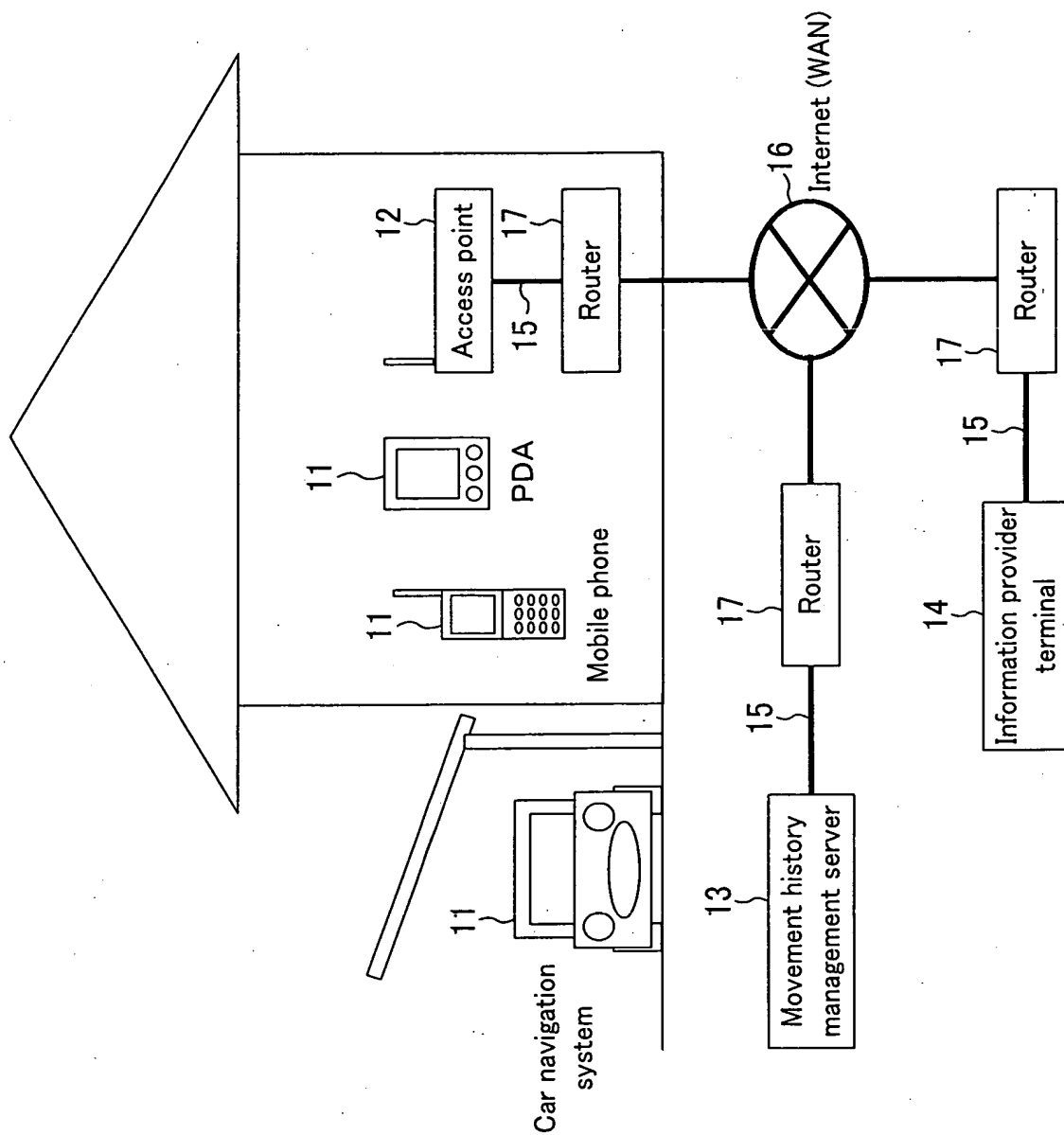
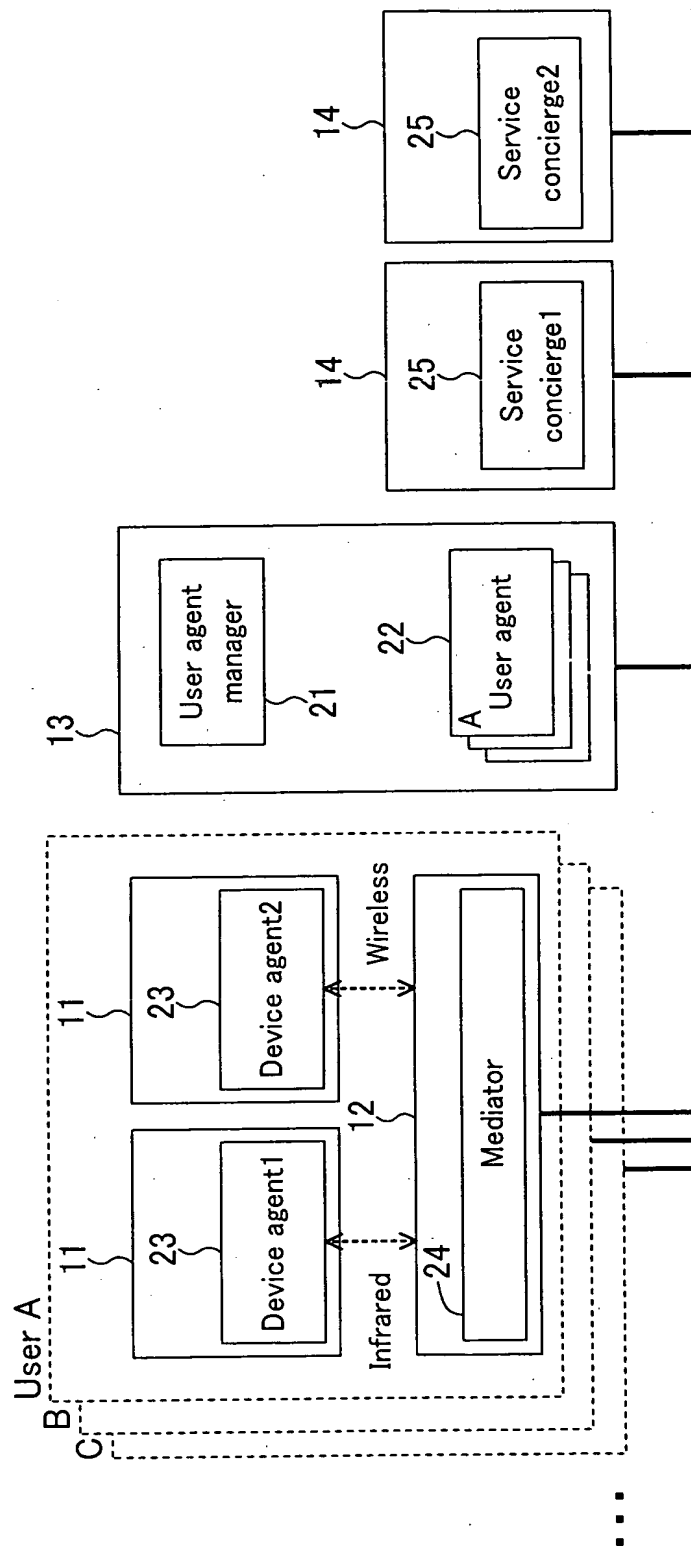


FIG.1



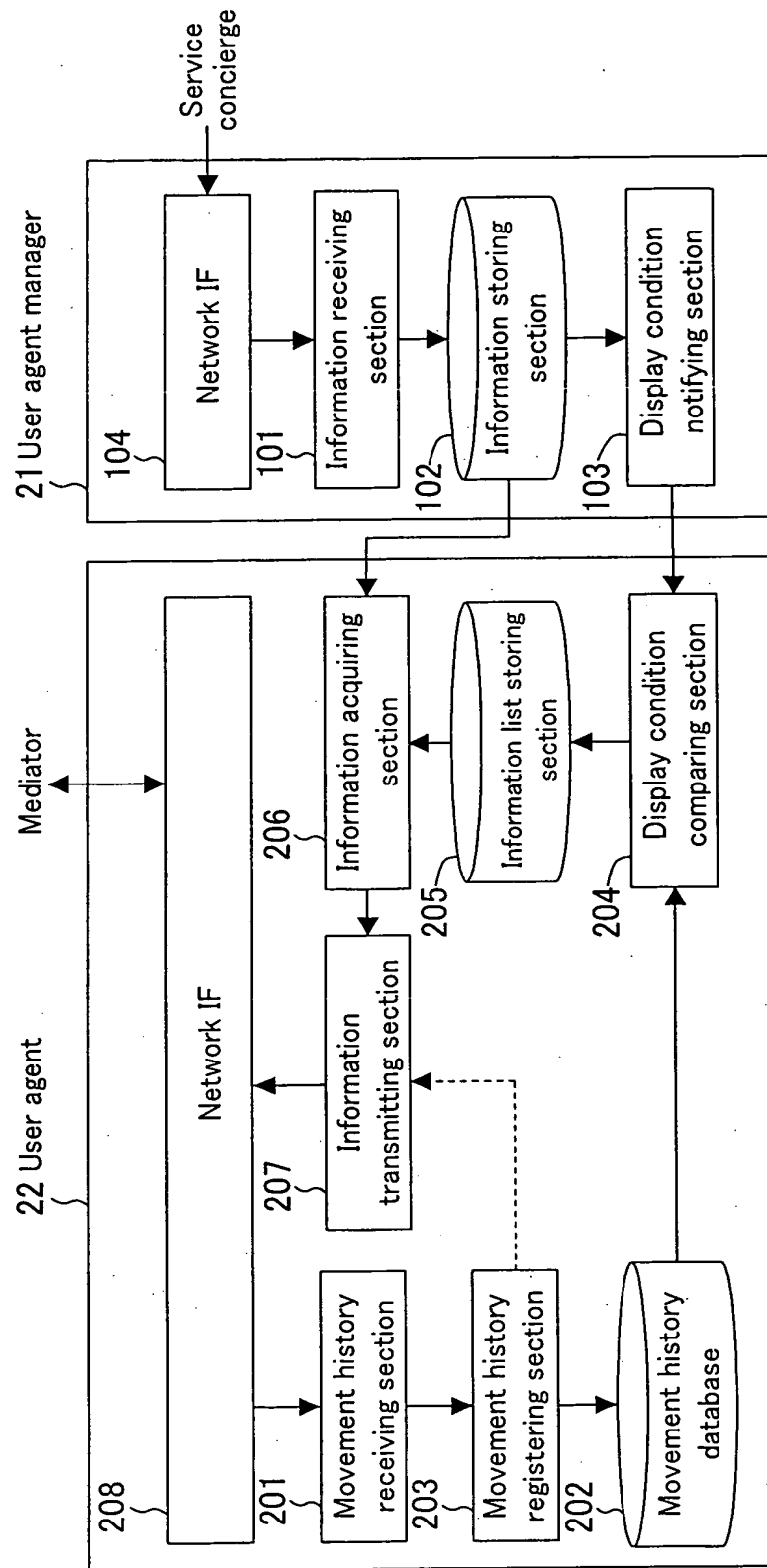
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FIG.2



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FIG.3



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FIG.4

```
<condition>
<date>
<from>2002/08/01</from>
<to>2002/08/10</to>
</date>
<time>
<from>10:00</from>
<to>20:00</to>
</time>
<area>
<shape>square
<size>10m</size>
</shape>
<center>
E135:20:40.40/N34:44:10:30
</center>
</area>
</condition>
<content>
...
We are now having a sale, so be sure to
stop by!
...
</content>
```

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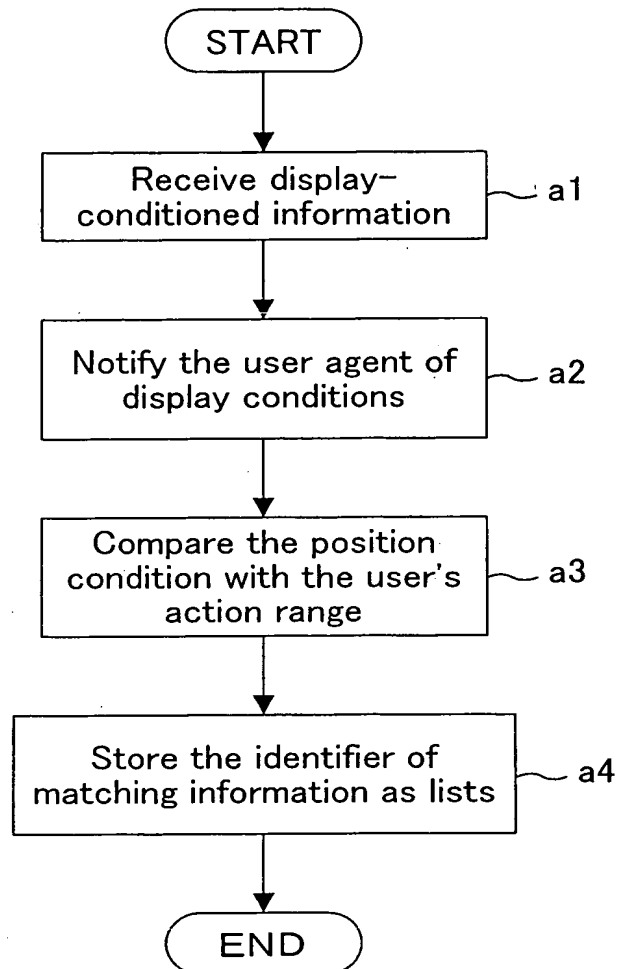
FIG.5

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Time	Device ID	Category	Position information (longitude/latitude)
...
2002/08/01 10:00	C3003P	Mobile phone	E135:20:35.33 / N34:44:35.20
2002/08/01 10:05	C3003P	Mobile phone	E135:20:40.53 / N34:44:10.34
2002/08/01 10:10	C3003P	Mobile phone	E135:21:02.20 / N34:44:50.11
2002/08/01 10:15	HD9000	Car navigation system	E135:24:12.00 / N34:46:32.12
2002/08/01 10:20	HD9000	Car navigation system	E135:28:33.03 / N34:48:11.13
2002/08/01 10:25	HD9000	Car navigation system	E135:32:32.10 / N34:50:39.21
...

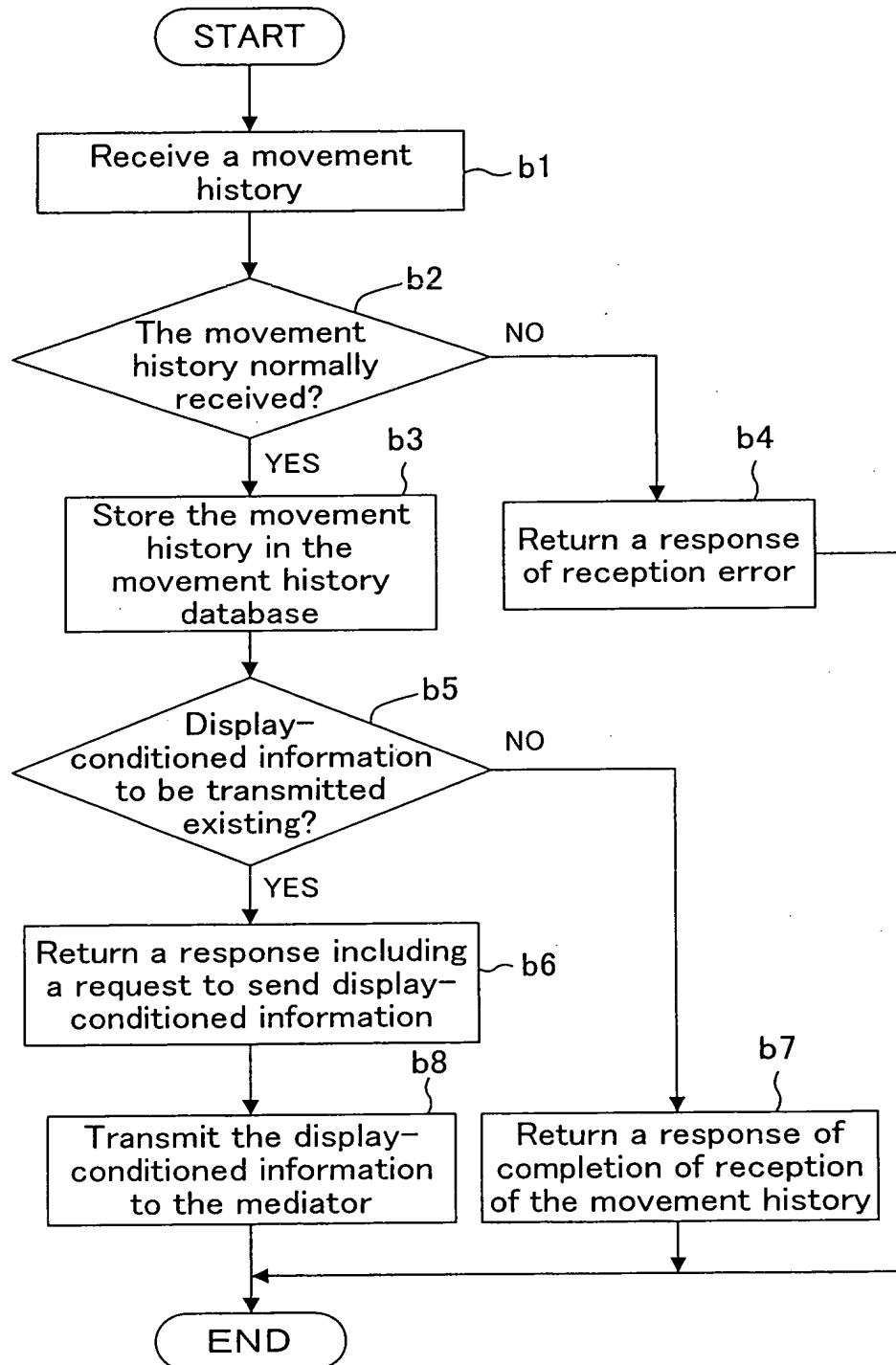
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FIG.6



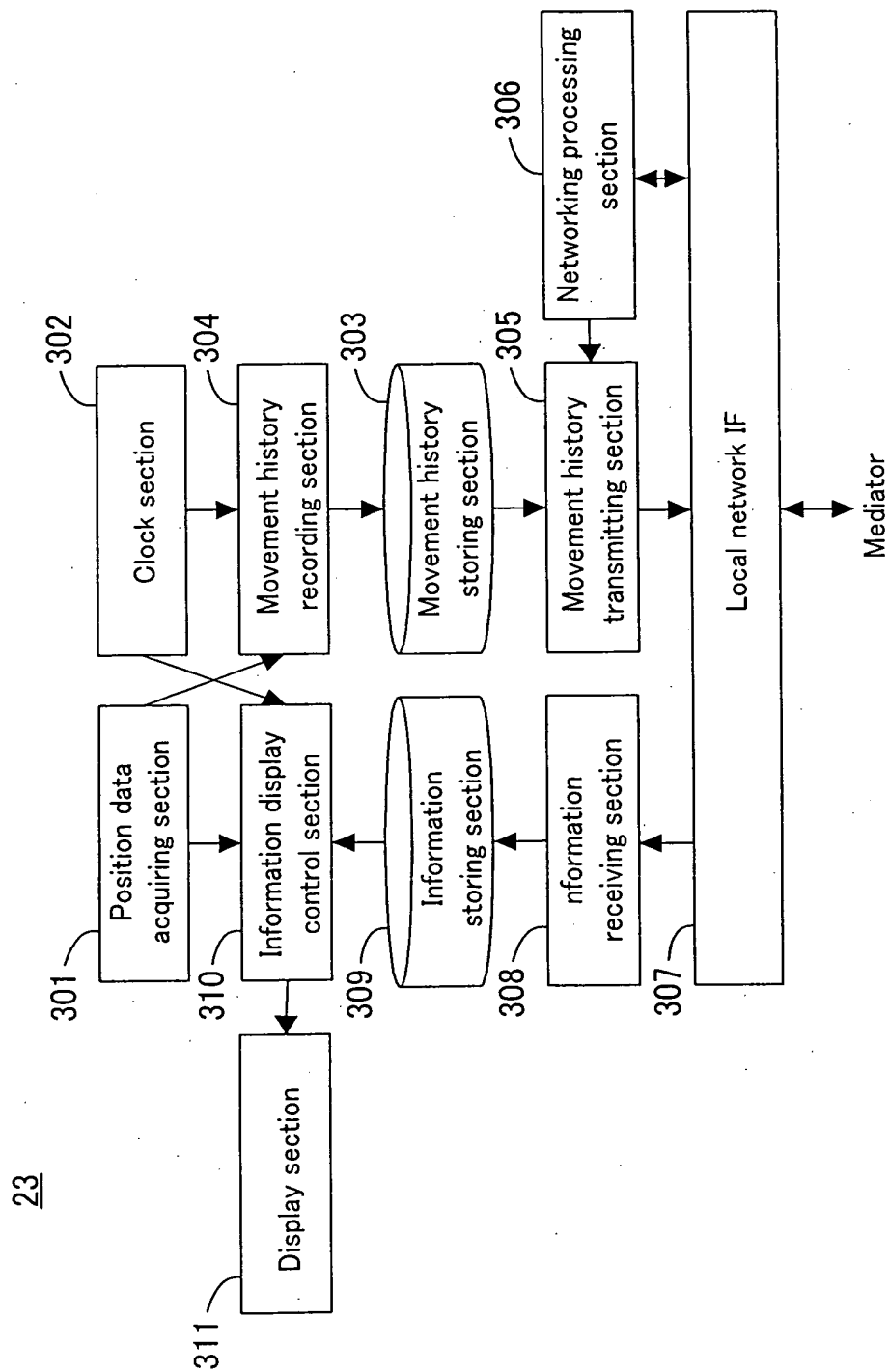
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FIG.7



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FIG.8



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FIG.9

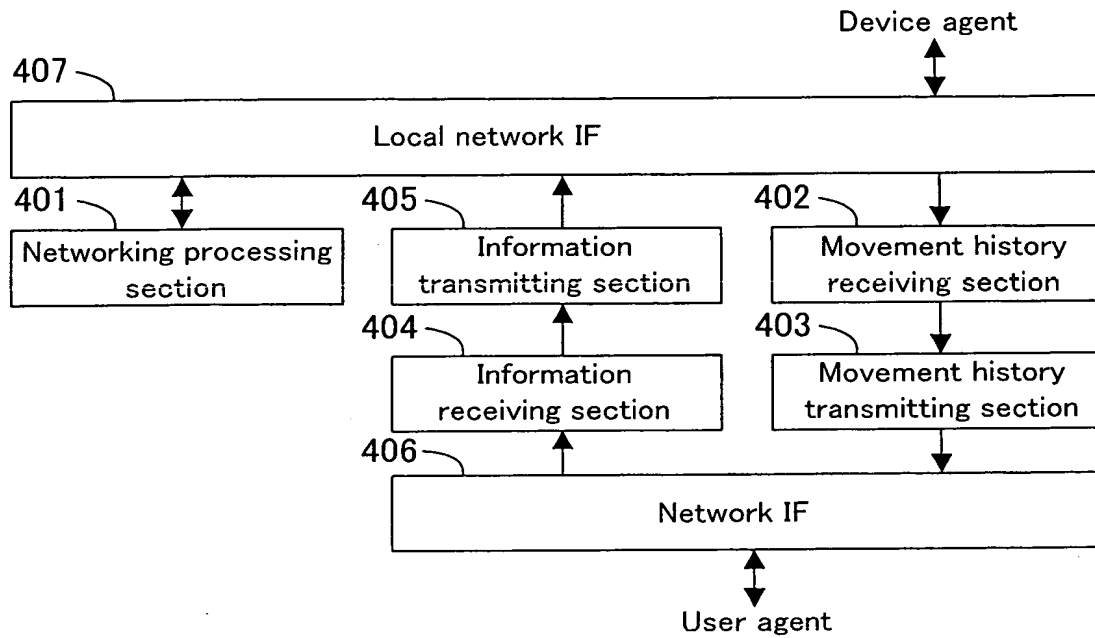
303

Time	Position data (longitude/latitude)
...	...
2002/08/01 10:00	E135:20:35.33 / N34:44:35.20
2002/08/01 10:05	E135:20:40.53 / N34:44:10.34
2002/08/01 10:10	E135:21:02.20 / N34:44:50.11
...	...

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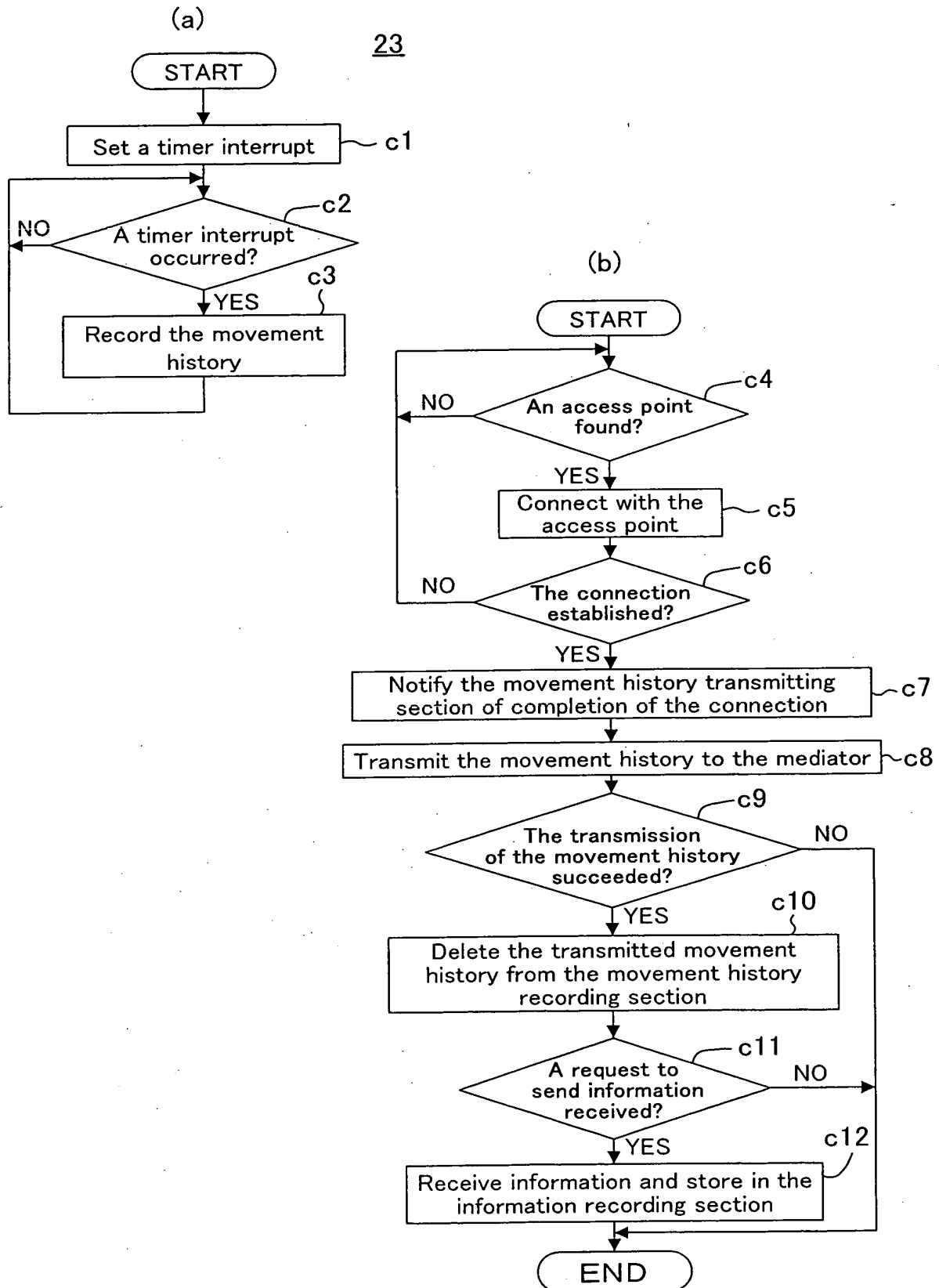
FIG.10

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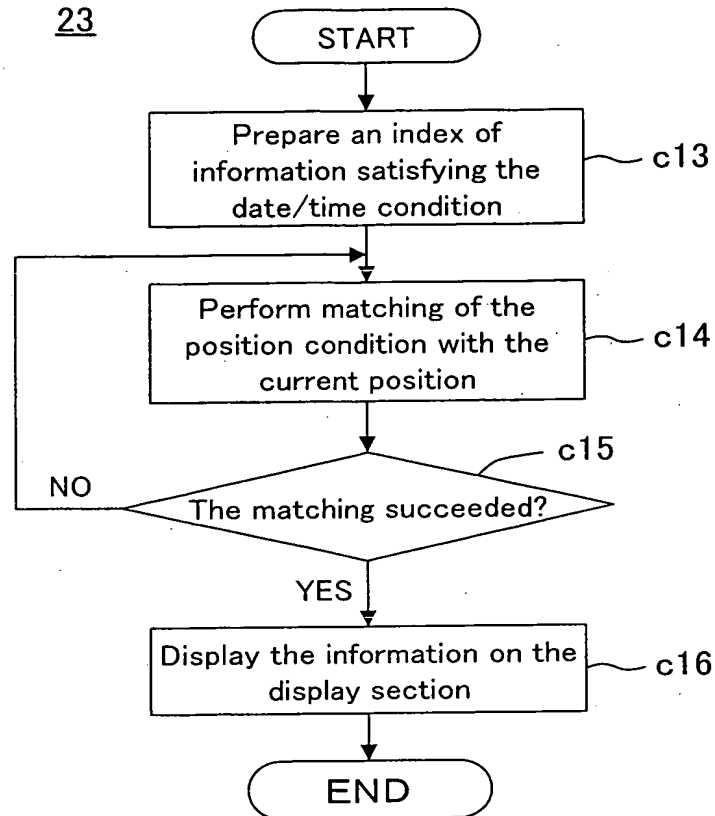
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FIG.11



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FIG.12



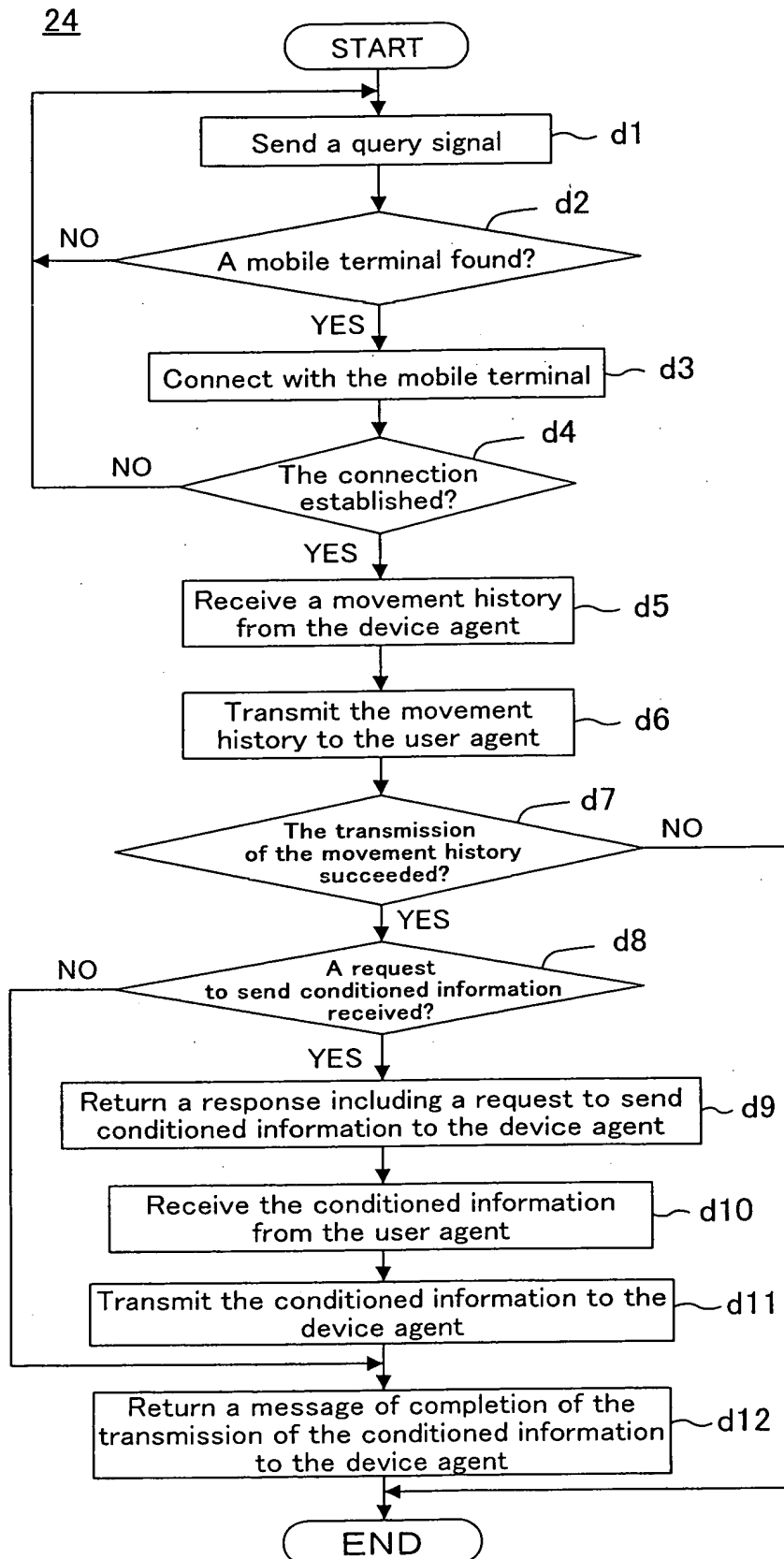
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FIG.13



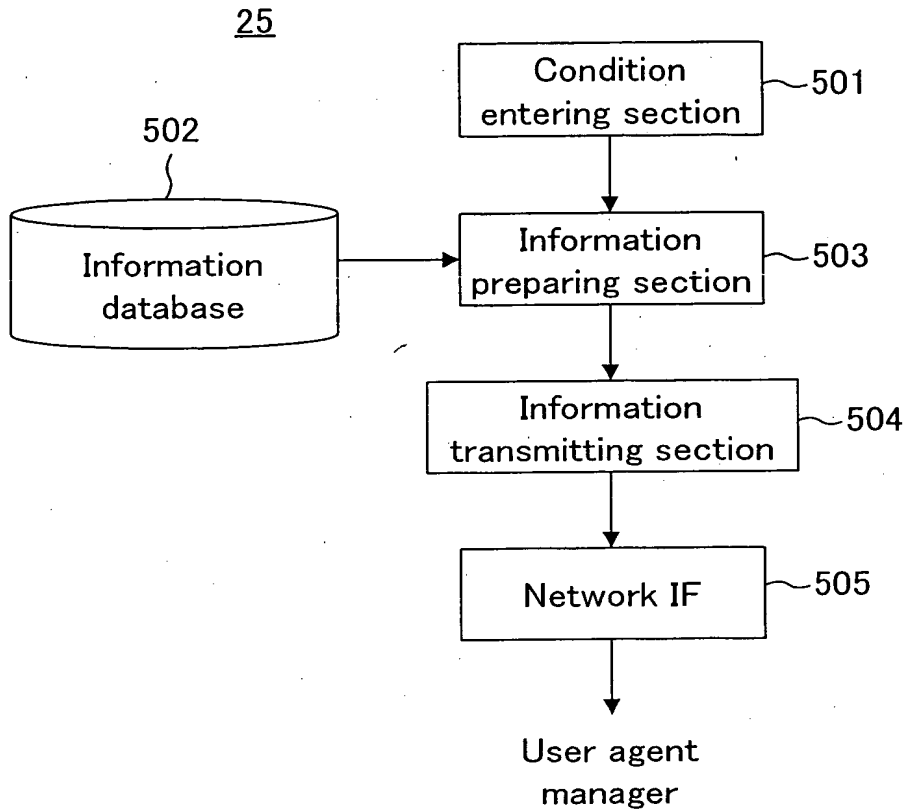
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FIG.14



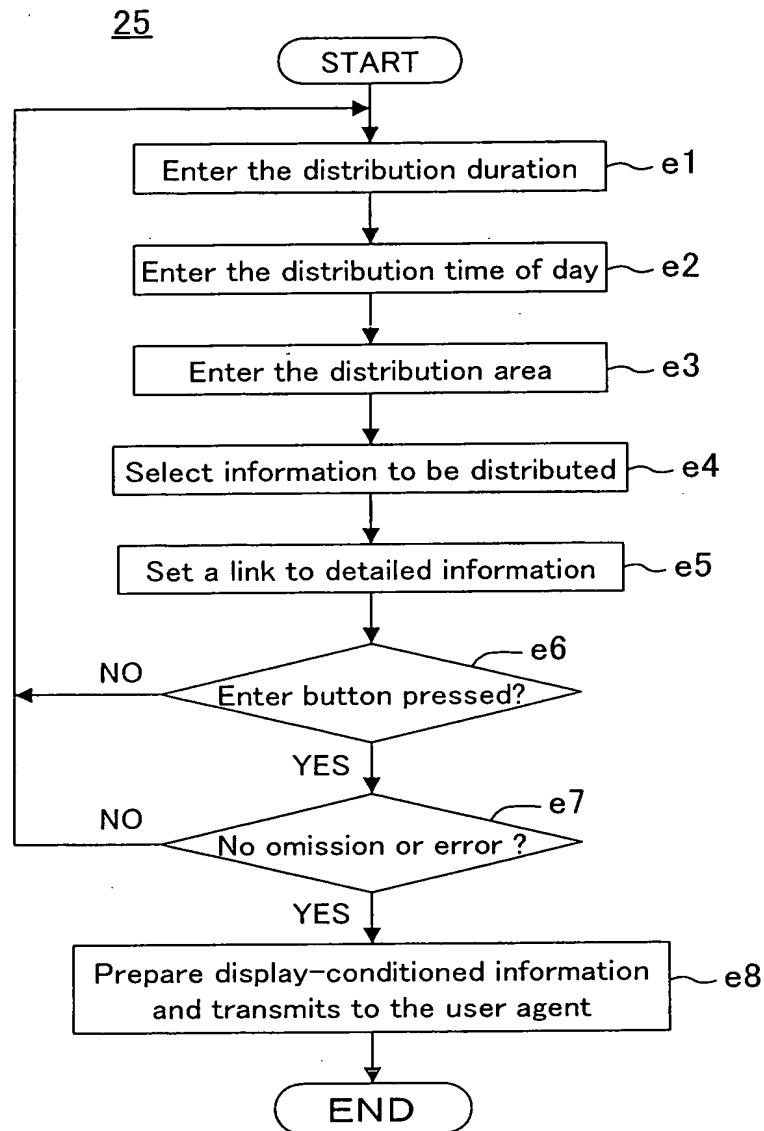
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FIG.15



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FIG.16



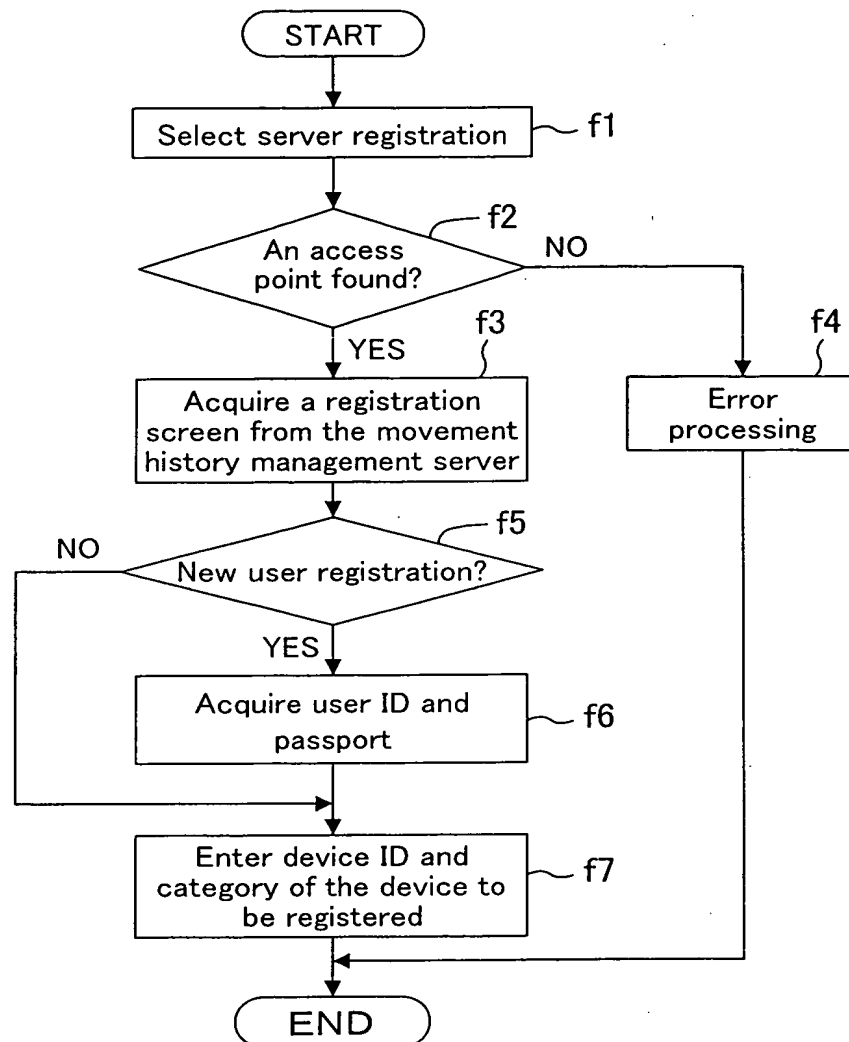
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FIG.17

Entry of distribution conditions	
1. Enter the distribution date.	
Start:	<input type="text" value="2002"/> year <input type="text" value="8"/> month <input type="text" value="1"/> day
End :	<input type="text" value="2002"/> year <input type="text" value="8"/> month <input type="text" value="10"/> day
2. Enter the distribution time of day	
Start:	<input type="text" value="10"/> : <input type="text" value="00"/>
End:	<input type="text" value="20"/> : <input type="text" value="00"/>
3. Enter the center position information of the distribution place	
East longitude	<input type="text" value="135"/> degrees <input type="text" value="20"/> minutes <input type="text" value="40"/> . <input type="text" value="40"/> seconds
North latitude	<input type="text" value="34"/> degrees <input type="text" value="44"/> minutes <input type="text" value="10"/> . <input type="text" value="30"/> seconds
<input type="button" value="Refer to map"/> <input type="button" value="Designate range"/>	
4. Enter the file name of information to be transmitted	
<input type="text" value="20020801.txt"/>	<input type="button" value="Refer"/>
5. Enter a link to detailed information	
<input type="text" value="http://www.ooo.xxx/index.html"/>	<input type="button" value="Refer"/>
6. Confirm the above entry and press Enter button	
<input type="button" value="Enter"/>	<input type="button" value="Cancel"/>

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FIG.18



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FIG.19

(a)

Menu

Register with server

Sub-menu Enter

(b)

Registration with server

You have to register with the server to use the service

New terminal registration

New user registration

Sub-menu Enter

(c)

New user registration

Name

Address

Tel

Sub-menu Enter

(d)

User authentication

User ID

id123456

Password

Transmit

Sub-menu Enter

(e)

Error

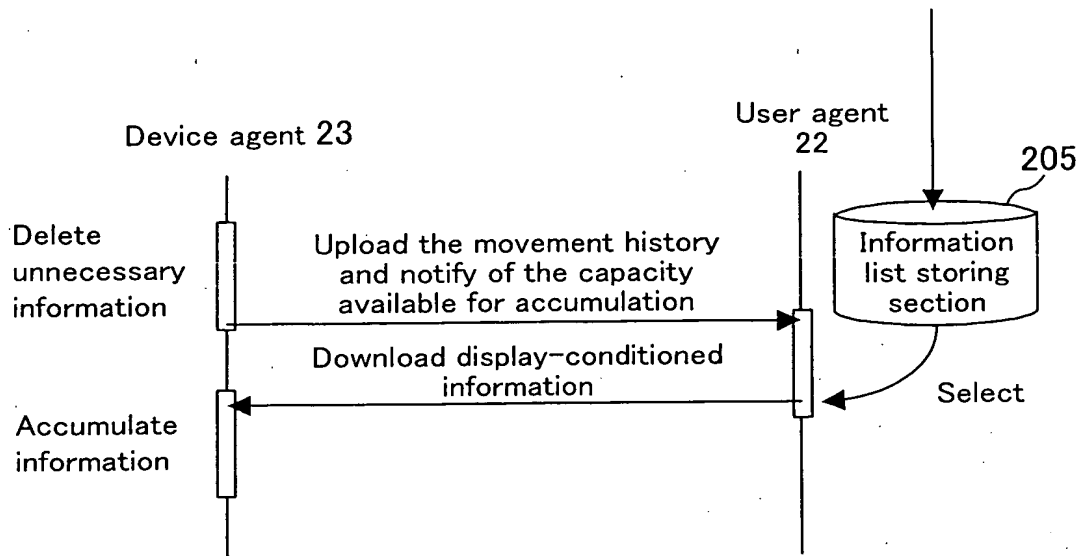
No access point is found

Back to the start

Sub-menu Enter

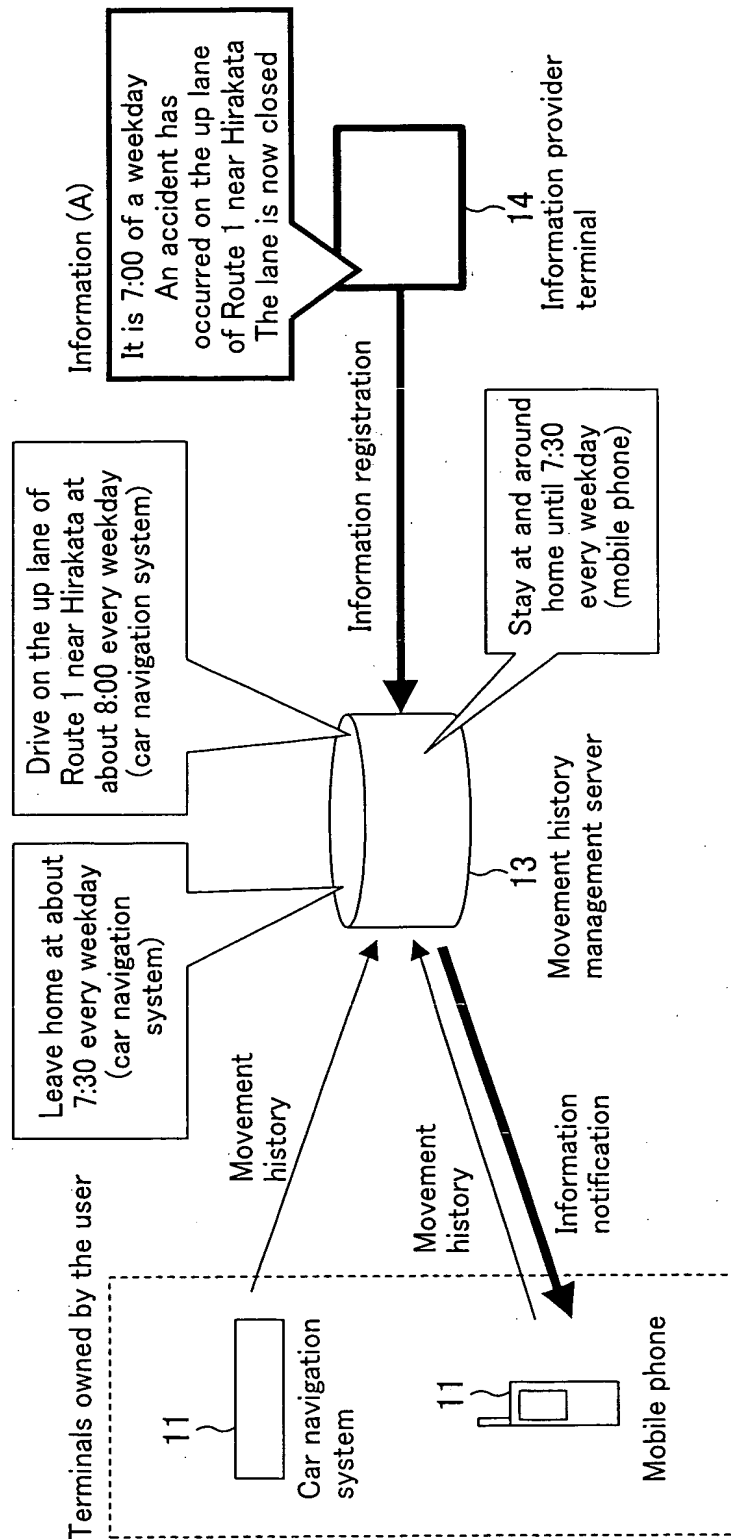
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FIG.20



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FIG.21



<Area condition>
Sept. 9 (Tue) 7:00 -
Up lane of Route 170 near
Neyagawa
<Timing condition>
As soon as possible
<Information contents>
The lane is closed due to an
accident

Information (B)

<Area condition>
Sept. 9 (Tue) 10:00 - 19:00
Down lane of Route 163 near
Shijonawate
<Timing condition>
A little before the passing
<Information contents>
A pack of eggs are offered for
a fill-up

FIG. 22

Time	Day of the week	Terminal	Place	Operation
~ 7:30	Mon to Fri	Mobile phone	Home (Ibaraki)	Under charging
7:00~ 7:30	Mon to Fri	TV	Home (Ibaraki)	Being watched
7:30	Mon to Fri	Mobile phone	Home (Ibaraki)	Drive mode set
7:30	Mon to Fri	Car navigation system	Home (Ibaraki)	Started
7:30~ 8:30	Mon to Fri	Car navigation system	Route 170 → Route 163	On the move
8:30	Mon to Fri	Car navigation system	Office (Keihanna)	Stop
8:30	Mon to Fri	Mobile phone	Office (Keihanna)	Drive mode cleared
8:30~ 12:00	Mon to Fri	PC	Office (Keihanna)	Document preparation
(omission)				
18:00~ 19:00		Car navigation system	Route 163 → Route 170	On the move

Information (B)

Information (A)

11A-

Diagram illustrating a mobile communication system 110. The system includes a Car navigation system, a Mobile phone 111B, a TV (home) 111C, and a PC (Office) 111D. The Car navigation system is connected to the Mobile phone 111B. The Mobile phone 111B is connected to the TV (home) 111C. The TV (home) 111C is connected to the PC (Office) 111D via a dashed line.

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FIG.23

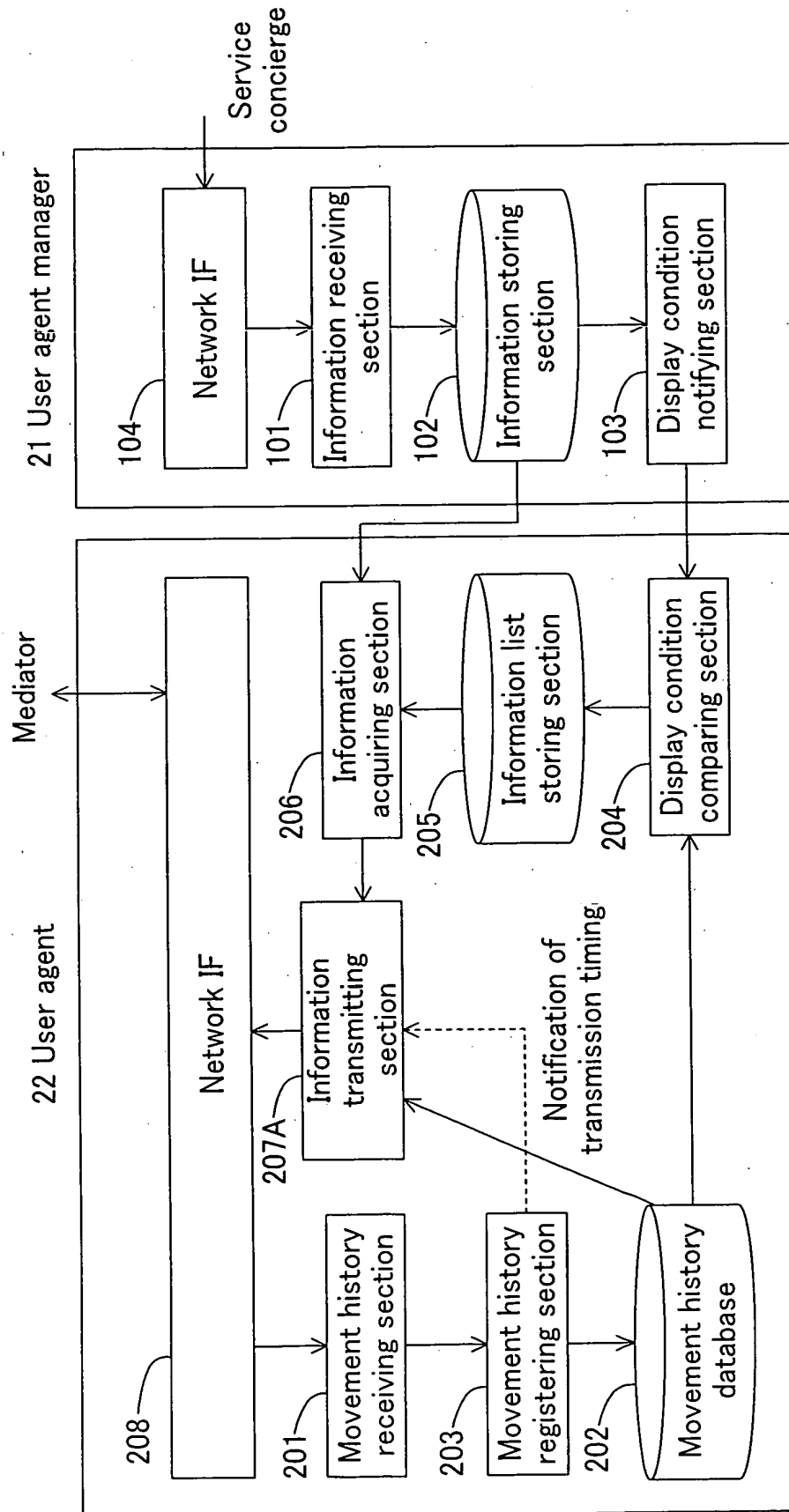
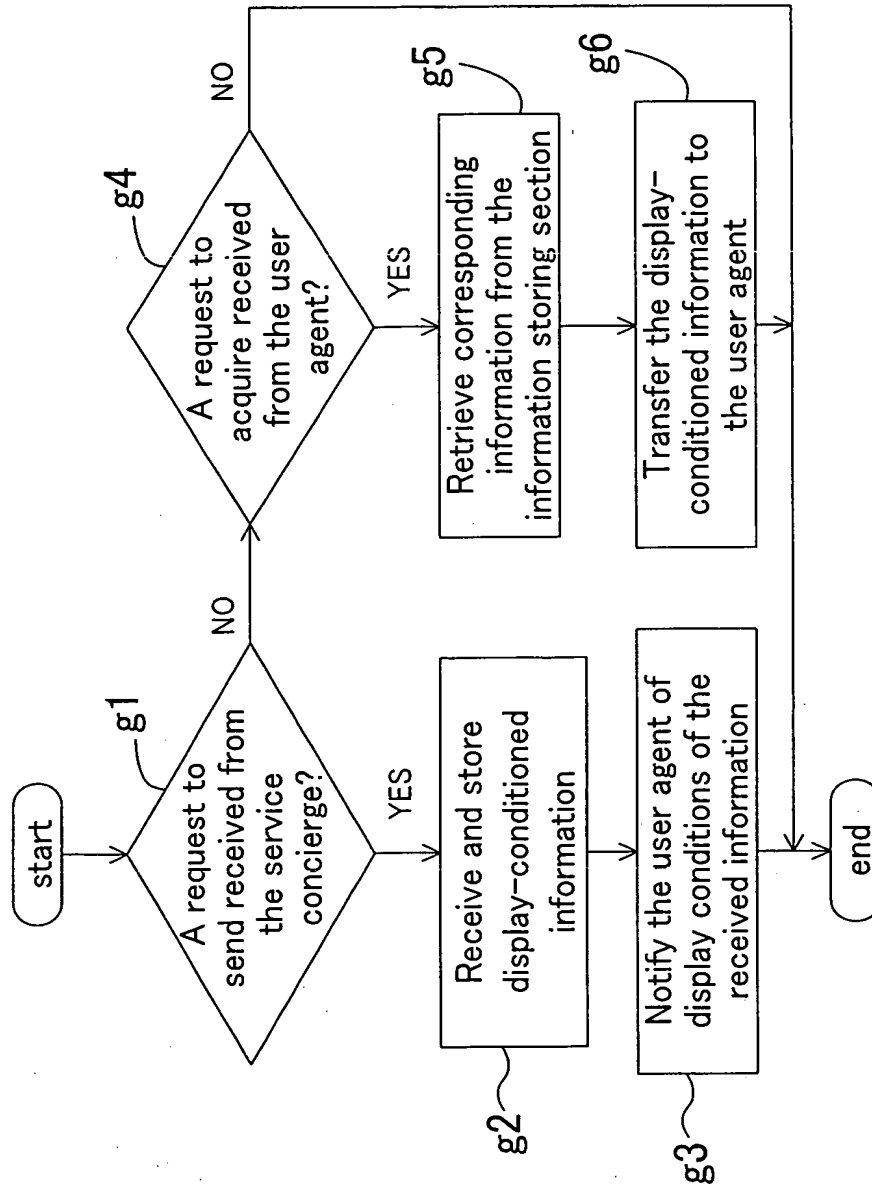


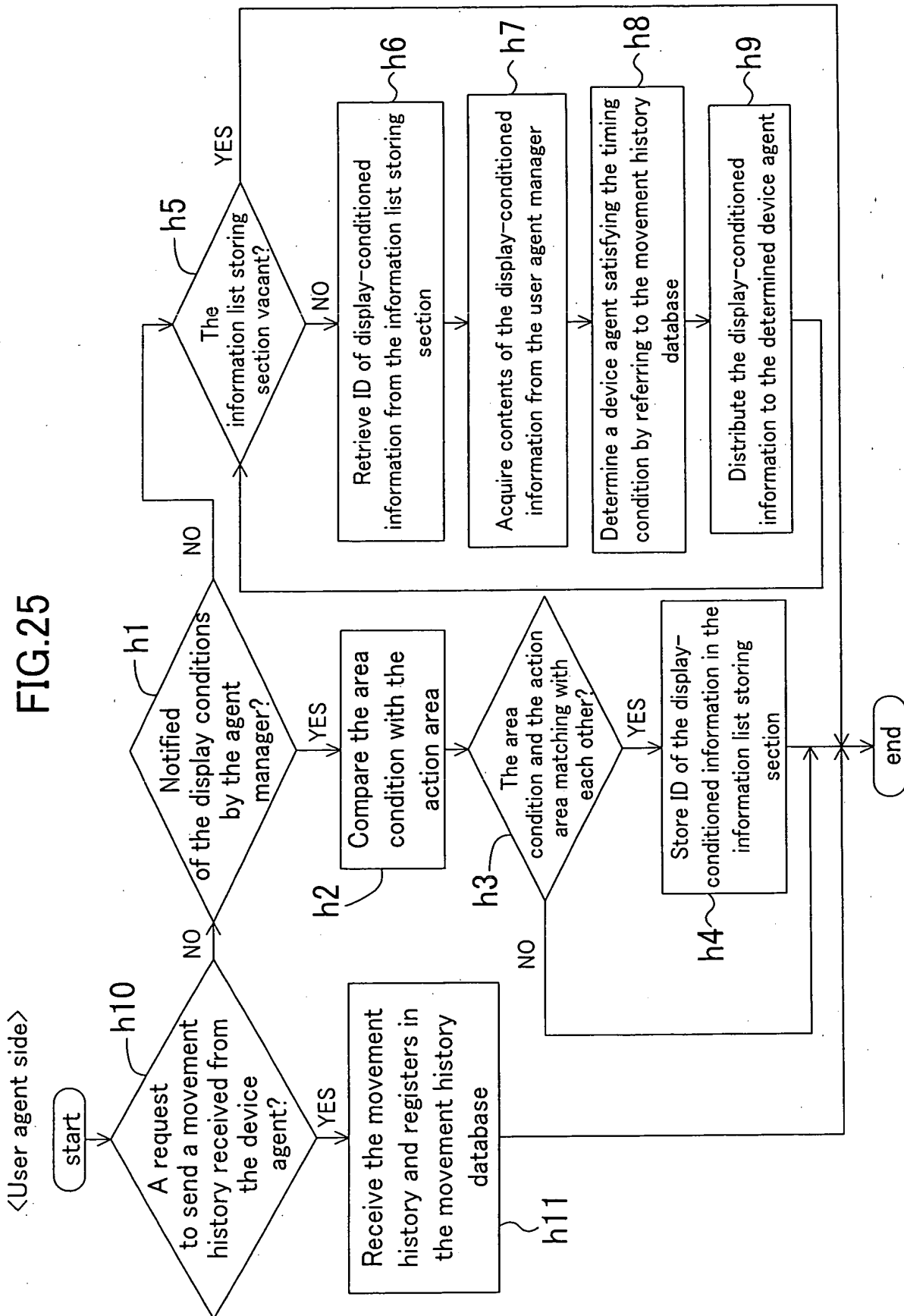
FIG.24

<Agent manager side>



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FIG.25



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FIG.26

Timing condition	Display terminal having higher priority
Condition A: as soon as possible	Terminal currently being used or standing by for use
Condition B: deliberately	Terminal that is used for a longer time (in the designated area)
Condition C: near the designated place	Terminal high in use frequency (in the designated area)
Condition D: at the designated time	Terminal high in use frequency at the designated time (in the designated area)

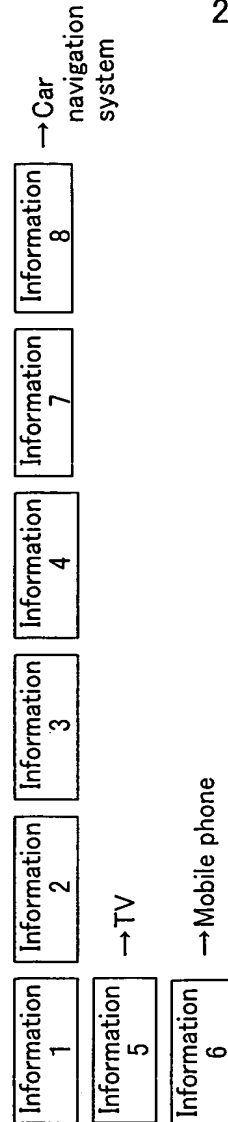
FIG.27

(a)

Information 1 (area A, condition A)
Information 2 (area A, condition B)
Information 3 (area A, condition C)
Information 4 (area B, condition A)
Information 5 (area B, condition B)
Information 6 (area B, condition C)
Information 7 (no designation, condition A)
Information 8 (no designation, condition B)

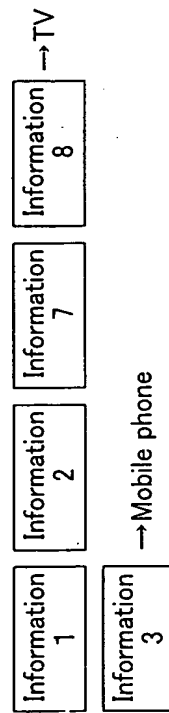
(b)

Action area: area A (car navigation system, mobile phone), area B (TV, mobile phone)
<User 1> Currently using the car navigation system



(c)

Action area: area A (TV, mobile phone), area D (mobile phone)
<User 2> Currently using the TV



(d)

Action area: area A (mobile phone), area E (mobile phone, TV)
<User 3> Currently using the mobile phone

